

Serial No.: 10/822,810
Docket No.: 102-1020
Amendment Dated October 31, 2005
Reply to Office Action of September 13, 2005

Amendments to the Specification:

Please replace paragraph [0040] with the following amended paragraph:

[0040] According to the comparison, if the number of measurements (n) is less than the reference value (ns), the number of measurements (n) changes from 'n' to 'n+1' at operation S116 and the measuring of the current at operation S111 resumes. If the number of measurements (n) is equal to or greater than the reference value (ns), an average resistance (R_m) is calculated at operation S117 by Formula 2.

[Formula 2]

$$R_m = \frac{R_1 + R_2 + R_3 + \dots + R_n}{ns}$$